

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Please amend claims as follows:

1. (original) A carbon nanotube dispersion liquid ~~emprising~~ consisting of a carbon nanotube, an amide-based polar organic solvent, and a polyvinylpyrrolidone (PVP).
2. (currently amended) A carbon nanotube dispersion liquid ~~emprising~~ consisting of a carbon nanotube, an amide-based polar organic solvent, a nonionic surfactant, and a polyvinylpyrrolidone (PVP).
3. (previously presented) The carbon nanotube dispersion liquid according to claim 1, characterized in that the amide-based polar organic solvent is N-methylpyrrolidone (NMP).
4. (previously presented) The carbon nanotube dispersion liquid according to claim 2, characterized in that the nonionic surfactant is a polyoxyethylene surfactant.

5. (original) The carbon nanotube dispersion liquid according to claim 1, characterized by having a nonionic surfactant content of 0.005 to 5%.

6. (original) The carbon nanotube dispersion liquid according to claim 1, characterized by having a polyvinylpyrrolidone (PVP) content of 0.1 to 10%.

7. (original) The carbon nanotube dispersion liquid according to claim 1, characterized in that the polyvinylpyrrolidone (PVP) has a molecular weight of 20,000 to 5,000,000.

8. (original) The carbon nanotube dispersion liquid according to claim 1, characterized in that the carbon nanotube is a single-walled carbon nanotube (SWNT).

9. (original) The carbon nanotube dispersion liquid according to claim 1, characterized by comprising as the carbon nanotube only fine carbon nanotube particles treated with a filter having a retaining particle size of 0.1 to 3.0 μm .

10. (original) The carbon nanotube dispersion liquid according to claim 1, characterized in that the dispersion liquid

is used for uniformly dispersing the carbon nanotube in a polymer-based nanocomposite.

11. (original) The carbon nanotube dispersion liquid according to claim 1, characterized by having a reduced light scattering property.

12. (previously presented) A method for producing a carbon nanotube dispersion liquid, comprising the step of mixing and dispersing a carbon nanotube in a mixture solution of an amide-based polar organic solvent and a polyvinylpyrrolidone (PVP) under ultrasonication.

13. (previously presented) The method for producing a carbon nanotube dispersion liquid according to claim 12, further comprising the step of treating the resultant dispersion with a filter having a retaining particle size of 0.1 to 3.0 μm to obtain a dispersion liquid comprising only fine carbon nanotube particles.

14. (previously presented) A method for producing a carbon nanotube dispersion, comprising the steps of mixing and dispersing a carbon nanotube in a mixture solution of an amide-based polar organic solvent and a nonionic surfactant under ultrasonication, and mixing the resultant dispersion with a polyvinylpyrrolidone (PVP).

15. (previously presented) The method for producing a carbon nanotube dispersion liquid according to claim 14, further comprising the step of mixing the resultant dispersion with a polyvinylpyrrolidone (PVP), and treating the dispersion with a filter having a retaining particle size of 0.1 to 3.0 μm to obtain a dispersion liquid comprising fine carbon nanotube particles.

16. (previously presented) The method for producing a carbon nanotube dispersion liquid according to claim 14, where in the step of mixing and dispersing a polyvinylpyrrolidone (PVP) is added.

17. (previously presented) The method for producing a carbon nanotube dispersion liquid according to claim 16, further comprising the step of treating the resultant mixture with a filter having a retaining particle size of 0.1 to 3.0 μm to obtain a dispersion liquid comprising fine carbon nanotube particles.

18. (previously presented) The carbon nanotube dispersion liquid according to claim 2, characterized in that the amide-based polar organic solvent is N-methylpyrrolidone (NMP).

19. (previously presented) The carbon nanotube dispersion liquid according to claim 3, characterized in that the nonionic surfactant is a polyoxyethylene surfactant.